

PATENT ABSTRACTS OF JAPAN

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(54) SPEAKER EQUIPMENT

(57)Abstract:

PURPOSE: To emit a sound from a speaker with a desired directivity by employing the speaker directivity control technology.

CONSTITUTION: The speaker equipment is provided with plural speaker unit groups 26 arranged at least in a line and digital filter groups 22 respectively connecting to the plural speaker unit groups 26. Plural audio signals are inputted in common to each digital filter and a characteristic of each digital filter is respectively revised with respect to the plural audio signals to allow a correspondent speaker unit to have a desired directivity for the plural audio signals. When 1st and 2nd signals are inputted to digital filters DF1-DFm, the digital filters DF1-DFm apply parallel processing to the two inputted audio signals to allow the speaker unit group 26 to have a desired beam directivity. Thus, a signal is sounded from the speaker with the desired directivity.

